Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Thursday 16 Mar 2023 until 23:59 on Friday 17 Mar 2023

Forecast Issued on Wednesday 15 Mar 2023 at 16:17

Confidence: High becoming Medium in details from Friday and Low from Sunday.

Headline for Thursday 16 Mar 2023: Rain and drizzle. Strong winds over the tops.

Mountain weather hazards on Thursday 16 Mar 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Heavy Rain	Light rain	Light rain	Light rain	Light rain	Light rain	Mist
Precipitation probability							
50%	70%	60%	70%	70%	60%	50%	40%

Forecast for Thursday 16 Mar 2023

Weather: Outbreaks of heavy and persistent rain overnight, turning lighter and more patchy during the morning with a few drier spells possible in the afternoon and evening, although still with mist and drizzle.

Chance of cloud-free hill tops above 600m: 40%

Low cloud and visibility: Extensive cloud, base around 500m, occasional or patches below 300m at times on west and southwest facing slopes. Visibility often moderate or poor and very poor at height.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Met Office Mountain Weather Forecast

Forecast for Thursday 16 Mar 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	29/41 S	29/39 S	27/36 SW	27/35 SW	30/39 SW	26/35 SW	24/33 S	24/33 SW	22/31 SW
300	23/32 S	22/32 S	20/30 S	20/29 S	23/33 S	20/30 S	16/26 S	16/26 S	15/24 SW
Valley	11/28 S	13/31 S	12/28 S	13/28 S	14/31 S	14/29 S	11/25 S	11/25 S	9/23 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/-1	5/-1	6/-0	6/0	7/1	7/2	6/2	6/1	6/1
300	6/0	7/3	8/4	8/4	9/5	9/5	8/5	8/5	8/5
Valley	6/2	7/4	8/5	8/5	9/6	10/7	9/6	9/6	8/6
Freezing Level*	1800m	1800m	2000m	2300m	2300m	2200m	1900m	1600m	1500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Navigational difficulties possible at height due to extensive low cloud.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Wed 15 Mar 2023	4mm	26.4mm	53.2mm

Forecast for Friday 17 Mar 2023

Weather: Rather cloudy overnight and early morning with patchy rain, drizzle and mist. The cloud then lifting and breaking with bright spells along with occasional heavy showers, the possibly thundery with a chance of hail. The cloud lowering again in the evening with occasional rain or showers.

Maximum wind: South or Southwest 20mph gusting 30mph.

Chance of cloud-free hill tops above 600m: 50% overnight and early morning, rising to 90% in the afternoon, lowering again in the evening.

Low cloud and visibility: Occasional cloud, base 300 to 600m, lifting and breaking above the tops by the afternoon. Visibility moderate to very poor at first in any rain, drizzle and mist becoming mainly good or very good, except in heavy showers.

Temperature: **Valleys:** Plus 6 rising to 14 Celsius
At 600m: Plus 4 to 8 Celsius
Freezing level: Above the summits.

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